|                | 10/660,670                                       |                             |  |          |                    | VAN ENGELEN ET AL.                             |            |                  |               |  |  |   |
|----------------|--|-----------------------------|--|----------|--------------------|--|------------|------------------|---------------|--|--|---|
|                |  |                             |  | Examiner |                    |  |            |                  | Art Unit      |  |  |   |
|                | Tim T. Vo  |                             |  |          |                    | 2112   |            |                  |               |  |  |   |
|                |  |                             |  |          |                    |  |            |                  |               |  |  |   |
| √ Rejected     | Г) (Т  | Through numera<br>Cancelled | ni)  | N        | Non-El             | ected  | A          |                  | Appeal        |  |  |   |
| = Allowed      | ÷  | Restricted                  | $\neg$   |          | Interference       |  | 0          | Objected         |               |  |  |   |
|                | <u> </u>   |                             |  | Ш        |                    |  |            |                  |               |  | J  | 1 |
| Claim Date     | $\overline{}$                                    | Claim                       | Da   | te<br>T  |                    | Cla  | aim        | 1 1              | Date          | e<br>I T   |  | • |
| Final Original |  | Final                       |  |          |                    | Final  | Original   |                  |               |  |  |   |
|                | $\square$  | 51                          | ++   | $\perp$  |                    |  |            | $\sqcup$         | 4-1-          |  |  |   |
| 2 1            | ╂-╂-┦  | 52                          | ++   | ${}^{+}$ | +H                 | -  | 101<br>102 | <del>     </del> | ++-           | $\vdash$   |  |   |
| 3 1            |  | 53                          |  |          |                    |  | 103        |                  |               |  |  |   |
| 4 V            | <del>                                     </del> | 54                          | $\perp \downarrow \downarrow$                                    | $\perp$  |                    |  | 104        |                  |               |  |  |   |
| 6 1            | <del>                                     </del> | 55<br>56                    | +  | +        |                    |  | 105<br>106 | ╀                | ++            | -  | $\vdash\vdash$                                   |   |
| 7 1            |  | 57                          |  | $\top$   | 1-1-1              | -  | 107        | $\vdash$         | ++            | $\vdash$   |  |   |
| 8 1            |  | 58                          |  |          |                    |  | 108        |                  |               |  |  |   |
| 9 1            | <del>                                     </del> | 59<br>60                    | $\dashv$   | +        |                    |  | 109<br>110 | $\vdash$         | ++            | -  |  |   |
| 11 1           | <del>                                     </del> | 61                          | ++   | +        |                    |  | 111        | ╁                | ++-           |  | $\vdash$   |   |
| 12 √           |  | 62                          |  |          |                    |  | 112        |                  |               |  |  |   |
| 13 V           | $\square$  | 63                          | $\perp \perp$  | $\perp$  |                    |  | 113        |                  |               |  |  |   |
| 14 V           | <del>                                     </del> | 65                          | ++-  | +        |                    |  | 114<br>115 |                  | ++            | $\vdash$   | <del>                                     </del> |   |
| 16 √           |  | 66                          | $\top$   | +        |                    |  | 116        | $\vdash$         |               | <del></del>                                      |  |   |
| 17 √           | Ш  | 67                          | $\Box$   | П        |                    |  | 117        |                  |               |  |  |   |
| 18 V           | ++-  | 68                          | +  | +        |                    | $\vdash$                                       | 118        | $\vdash \vdash$  |               | <del>-   -</del>                                 | <u> </u>   |   |
| 20 1           | <del>                                     </del> | 70                          | ╅  | +        | +++                | $\vdash$                                       | 119<br>120 | $\vdash$         | ++-           |  | $\vdash$   |   |
| 21 √           |  | 71                          |  |          |                    |  | 121        |                  |               |  |  |   |
| 22 1           |  | 72                          | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp$  |                    |  | 122        |                  |               |  |  |   |
| 23 V<br>24 V   | ++-  | 73 74                       | ++   | +        | +                  |  | 123<br>124 | ⊢                | +             | $\vdash\vdash$                                   |  |   |
| 25             | <del>                                     </del> | 75                          | ++-  | +        | +                  | <del> </del>                                   | 125        |                  | +             | ├  |  |   |
| 26             |  | 76                          |  |          |                    |  | 126        |                  |               |  |  |   |
| 27 28          | $\vdash$   | 77                          |  | $\perp$  | $\bot$             |  | 127        |                  | $\perp \perp$ |  |  |   |
| 29             | <del>                                     </del> | 78<br>79                    |  | +        | +                  | -  | 128<br>129 | -                |               | -  |  |   |
| 30             |  | 80                          |  | $\Box$   | $\pm\pm\pm$        | <del>                                   </del> | 130        | ╁┼               | +             | -  | $\vdash$   |   |
| 31             |  | 81                          |  | П        |                    |  | 131        |                  |               |  |  |   |
| 32 33          | HH   | 82                          | ++   | +        | -                  |  | 132<br>133 | $\vdash \vdash$  |               | Н-   | $\sqcup$   |   |
| 34             | H  | 84                          | ++   | ╁┤       |                    |  | 134        | ┼┼               | ╅             | -  | $\vdash$   |   |
| 35             |  | 85                          |  |          |                    |  | 135        | TT               | 11            |  |  |   |
| 36             | Ш  | 86                          | $\perp \downarrow$   |          |                    |  | 136        |                  | $\Box$        |  |  | • |
| 37 38          | H  | 87                          | ++-  | +        | +                  | $\vdash$                                       | 137<br>138 | $\vdash \vdash$  | ++            | <del>    -</del>                                 |  |   |
| 39             | <b>†</b> † †                                     | 89                          | <del>- - -</del>   | +        | ++-                |  | 139        | $\vdash$         | ++-           |  | $\vdash$   |   |
| 40             |  | 90                          |  |          |                    |  | 140        |                  |               |  |  |   |
| 41             | H  | 91                          | +T   | $\Box$   | $\Box\Box$         |  | 141        |                  |               |  | Ш  |   |
| 42 43          | +++  | 92 93                       | ++-  | ++       | ++-                |  | 142<br>143 | $\vdash$         | +             | $\vdash\vdash$                                   | $\vdash\vdash\vdash$                             |   |
| 44             |  | 94                          | ++   | +        | ╅                  |  | 144        | $\vdash$         | +             | $\vdash$   | $\vdash \vdash \vdash$                           |   |
| 45             |  | 95                          |  |          |                    |  | 145        |                  |               |  |  | • |
| 46             | $\square$  | 96                          | $+\Gamma$  | $\Box$   | $\Box\Box$         |  | 146        |                  |               |  |  |   |
| 47 48          | <del>                                     </del> | 97                          | ++   | ╁╌┩      | +                  |  | 147        | ⊢∔-              | +             |  | $\vdash \vdash \vdash$                           |   |
| 49             |  | 99                          | +  | +        | <del>       </del> | $\vdash$                                       | 149        | $\vdash \vdash$  |               | <del>                                     </del> | $\vdash \vdash \vdash$                           |   |
| 50             |  | 100                         |  |          |                    |  | 150        |                  |               |  |  |   |
|                |  |                             |  |          |                    |  |            |                  |               |  |  |   |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination